ABSTRACT OF THE DISCLOSURE

A system and method for automatic creation of digital image albums. A Page Creator Module utilizes a genetic engine and a layout evaluation module. The genetic engine evolves a group of images to a plurality of album pages, based on

5   certain layout criteria. The evaluation module calculates layout criteria and compares them with user preferences. When an acceptable image/page layout has been generated, the image/page assignments are transferred to an Image Placement Module. The Image Placement Module utilizes a second genetic engine, which evolves various criteria to generate page layouts genetic structures. These structures

10   define the location, scale, and rotation of images placed on a given page. A layout evaluation module calculates and compares these layouts with certain other preferences and page requirements. When a suitable layout has been generated, a final album output is generated, which may be displayed, printed, or otherwise transferred for subsequent utilization.